

- List all possible rational zeros of  $f(x) = 2x^3 + 5x^2 - 4x - 3$ .

Any RATIONAL ZERO MUST HAVE THE FORM

$$\frac{\text{FACTOR OF } 3}{\text{FACTOR OF } 2} = \frac{\pm \{1, 3\}}{\{1, 2\}}$$

So... POSSIBLE RATIONAL ZEROS ARE

$$\pm 1, \frac{1}{2}, 3, \frac{3}{2}$$